

## **Historic, Archive Document**

**Do not assume content reflects current scientific knowledge, policies, or practices.**



63.39

1927

LIBRARY

APR 2 1927

# JAMES J. McMANMON

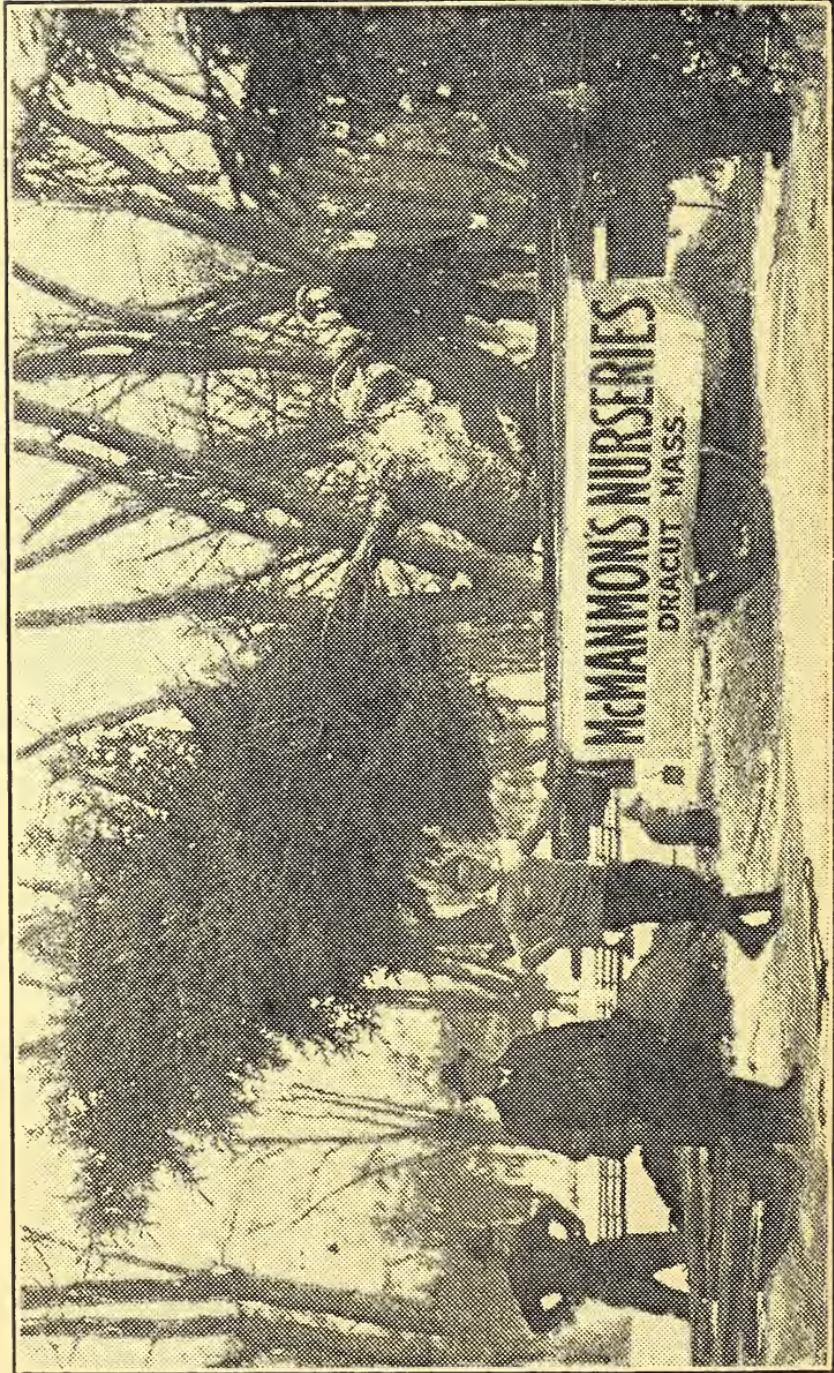
Florist, Nurseryman and  
Landscape Architect

Established 1895

DRACUT, MASS.



P. O. Box 794, Lowell, Mass.  
Telephone 6670



We carry and specialize in moving large trees, as shown above, for people wanting immediate effect. From 15 to 20 years growth ahead of the smaller stock that is usually sold, may be had in this way.

# Information

---

**Location of Nurseries:**—On Lowell and Lawrence Boulevard, two miles from Lowell, 28 miles north of Boston, three miles from New Hampshire line.

**We carry only Nursery Stock** that will live in this climate, and when you receive stock grown here it will generally give satisfaction.

**Purchasers should plainly state** by what route their goods are to be conveyed. Otherwise we will forward them by the best in our opinion; but we will not be responsible in any way for delays or damage in transit, or loss in after-cultivation.

**Automobile Delivery:**—Orders of considerable size we can deliver by automobile trucks within a radius of fifty miles. Stock so shipped will arrive quickly and in as perfect condition as when it leaves the nursery. **Cartage charges** will depend on the size of the load and distance to be hauled.

**Any errors committed by us** will be cheerfully rectified if notice is given immediately.

**Notice:**—While we exercise the greatest care possible in having our stock true to name and free from disease, we give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any Nursery Stock, Seeds, Bulbs or Plants we sell, and will not be in any way responsible for the crop. If the purchaser does not accept these goods on these terms, he must return them at once, and all payments therefor will be refunded.

Any shortage, error or overcharge must be reported within five days of receipt of goods.

**No complaints will be considered that are not made within ten days after receipt of stock.**

**We carry larger trees** than are found in most Nurseries. We make a specialty of moving Evergreen trees 25 to 35 years old in winter time in a frozen condition. We move them with perfect success. We prepare them before the ground freezes and lift them out with a ball of earth from one ton to five tons with our modern machinery and transfer them to your grounds in perfect condition.

# ORNAMENTAL DEPARTMENT

We carry larger sizes of some varieties than those listed. Prices furnished on application.

## DECIDUOUS TREES

### ACER PLATANOIDES

		Each	Per 10	Per 100
6 to 8 ft.		\$2.50	\$22.50	
8 to 10 ft.		3.00	28.00	
10 to 12 ft.		4.00	37.50	
12 to 14 ft.		5.00		
14 to 18 ft.	6.50 to 20.00	Each		

### A. PLATANOIDES SCHWEDLERİ Schwedler's Purple Maple

5 to 6 ft.	2.50
6 to 8 ft.	3.00
8 to 10 ft.	3.50

### A. PALMATUM

		Japanese Maple
18 to 24 inches	2.00	17.50
2 to 3 ft.	2.50	22.50

### A. PALMATUM VAR. ATROPURPUREUM

		Blood-leaved Japan Maple
12 to 18 inches	2.50	22.50
18 to 24 inches	3.00	

### A. SACCHARINUM (DASYCARPUM)

### Silver Maple

One of the most rapid growing trees for street or lawn planting. Desirable where immediate effects are required.

6 to 8 ft.	1.00	9.00	75.00
8 to 10 ft.	1.50	14.00	130.00
10 to 12 ft.	2.25	20.00	180.00
12 to 14 ft.	3.00		

### A. SACCHARINUM VAR. WEIRI Weir's Cut-leaved Maple

A graceful drooping tree suitable for the lawn. Very rapid growing tree.

6 to 8 ft.	1.50	13.50	120.00
8 to 10 ft.	2.00	19.00	180.00
10 to 12 ft.	3.00		

### A. SACCHARUM

### Sugar or Rock Maple

6 to 8 ft.	2.00	17.50
8 to 10 ft.	2.50	22.50
10 to 12 ft.	4.00	

### AESCULUS HIPPOCASTANUM

### Common Horse Chestnut

4 to 6 ft.	1.50
6 to 8 ft.	2.50
8 to 10 ft.	3.00
12 to 14 ft.	5.00

<b>A. CARNEA (RUBICUNDA)</b>	<b>Red-Flowered Horse Chestnut</b>		
<b>ASH</b> See <i>Fraxinus</i>			
<b>BETULA ALBA</b>			
4 to 6 ft.	Each	Per 10	White Birch Per 100
	1.00		
<b>B. ALBA LACINIATA</b>	<b>Cut-leaved Weeping Birch</b>		
3 to 4 ft.	2.00		
4 to 5 ft.	2.50		
5 to 6 ft.	3.50		
<b>B. ALBA FESTIGIATA</b>	<b>Pyramid White Birch</b>		
3 to 4 ft.	2.00	17.50	
<b>B. NIGRA (RUBRA)</b>	<b>Red Birch</b>		
4 to 6 ft.	1.25		
6 to 8 ft.	2.00		
<b>B. LUTEA</b>	<b>Yellow Birch</b>		
4 to 6 ft.	1.25	12.00	
6 to 8 ft.	1.50	13.50	
<b>B. PAPYRIFERA</b>	<b>Canoe or Paper Birch</b>		
4 to 6 ft.	1.50	12.00	
6 to 8 ft.	1.75	15.00	
<b>CATALPA BUNGEII</b>	<b>Umbrella Catalpa</b>		
1 year heads	2.00		
2 year heads	3.00		
<b>C. SPECIOSA</b>			
6 to 8 ft.	1.25		
8 to 10 ft.	1.50		
10 to 12 ft.	2.00		
<b>CLADRASTIS LUTEA (TINCTORIA)</b>	<b>Yellow Wood</b>		
6 to 8 ft.	2.50	22.50	
8 to 10 ft.	3.50	30.00	
<b>CORNUS FLORIDA</b>	<b>White Flowered Dogwood</b>		
2 to 3 ft.	.75	7.00	
3 to 4 ft.	1.00	9.00	85.00
4 to 5 ft.	1.50		
6 to 7 ft.	2.50	22.50	
<b>C. FLORIDA RUBRA</b>	<b>Pink Flowered Dogwood</b>		
2 to 3 ft.	3.50		
<b>CRATAEGUS OXYCANTHA WHITE</b>	<b>White Hawthorn</b>		
3 to 4 ft.	1.50		
4 to 5 ft.	2.00		
5 to 6 ft.	2.50		
<b>C. OXYCANTHA PAUL'S SCARLET</b>	<b>Scarlet Hawthorn</b>		
3 to 4 ft.	1.50		
4 to 5 ft.	2.00		
5 to 6 ft.	2.50		

We carry larger sizes of some varieties than those listed. Prices furnished on application.

**C. OXYCANTHA PINK**

	Each	Per 10	Per 100
3 to 4 ft.	1.50		
4 to 5 ft.	2.00		
5 to 6 ft.	2.50		

**CRAB, FLOWERING** See *Malus*

**DIRCA PALUSTRIS** Leatherwood or Moosewood  
4 to 5 ft. 5.00

**DOGWOOD** See *Cornus Florida*

**FAGUS SYLVATICA VAR. PURPUREA** Purple Leaved Beech  
5 to 6 ft. 10.00

**GINKGO BILOBA OR SALISBURIA** Maiden Hair Tree  
8 to 10 ft. 2.00  
10 to 12 ft. 3.00

**KOELRUTERIA PANICULATA** Varnish Tree  
6 to 7 ft. 1.50  
8 to 10 ft. 2.50  
12.00  
22.00

**LINDEN** See *Tilia*

**LIRIODENDRON TULIPIFERA** Tulip Tree  
5 to 6 ft. 1.00  
6 to 8 ft. 1.50

**MALUS** Flowering Crab  
2 to 3 ft. 1.00  
3 to 4 ft. 1.25  
4 to 5 ft. 2.00  
9.50  
11.00

**ATROSANGUINEA** Carmine Crab

Much like floribunda, but with brilliant carmine flowers.

**BACCATA** Siberian Crab  
Tall narrow tree, small white flowers and tiny orange or scarlet fruit.

**FLORIBUNDA** Japanese Flowering Crab  
Bright pink flower buds, white flowers. Small yellowish fruit, much liked by birds.

**HALLIANA PARKMANI** Parkman Crab  
Bright rose-red, double flowers hang on long slender stems.

**IOENSIS PLENA** Bechtel Crab  
Double pink flowers like small clustered roses.

<b>NIEDZWETZKYANA</b>	<b>Redvein Crab</b>		
Early. Remarkable for the red color of flowers, branches, leaves and fruit.			
<b>SCHEIDECKERI</b>	<b>Scheidecker Crab</b>		
Early. Small tree of pyramidal habit with small bright rose-colored flowers in great profusion.			
<b>MAIDENHAIR TREE</b>	<b>See Ginkgo</b>		
<b>MAPLE</b>	<b>See Acer</b>		
<b>MOUNTAIN ASH</b>	<b>See Sorbus</b>		
<b>MORUS ALBA</b>	<b>White Mulberry</b>		
	Each      Per 10      Per 100		
4 to 6 ft.	1.00		
6 to 8 ft.	1.75		
<b>M. TARTARICA VAR. PENDULA</b>	<b>Tea's Weeping Mulberry</b>		
One year heads	3.00		
Two year heads	4.00		
<b>OAK</b>	<b>See Quercus</b>		
<b>POPLAR ALBA</b>	<b>White Poplar</b>		
6 to 8 ft.	.75	6.00	
8 to 10 ft.	1.25	10.00	
10 to 12 ft.	2.00		
<b>P. DELTOIDES MONILIFERA</b>	<b>Carolina Poplar</b>		
Tall spreading tree. Invaluable for quick shade or screen.			
8 to 10 ft.	1.00	8.00	60.00
10 to 12 ft.	1.35	10.00	75.00
12 to 14 ft.	1.75	13.50	100.00
<b>P. NIGRA ITALICA</b>	<b>Lombardy Poplar</b>		
A very rapid growing tree. Useful as a screen for hiding undesirable objects or buildings. Our trees are grown with branches from the ground up.			
6 to 8 ft.	.75	6.00	50.00
8 to 10 ft.	1.00	8.00	75.00
10 to 12 ft.	1.25	10.00	90.00
12 to 14 ft.	2.00	18.00	
<b>P. SIMONII</b>	<b>Cork Barked</b>		
6 to 8 ft.	1.00	8.50	
8 to 10 ft.	1.25	11.00	
<b>PRUNUS PISSARDI</b>	<b>Purple leaved Plum</b>		
4 to 5 ft.	1.00		
<b>QUERCUS COCCINEA</b>	<b>Scarlet Oak</b>		
8 to 10 ft.	3.00		
10 to 12 ft.	4.00		
<b>Q. PALUSTRIS</b>	<b>Pin Oak</b>		
6 to 8 ft.	2.00	16.50	
14 to 18 ft.	5.00 to 10.00		

We carry larger sizes of some varieties than those listed. Prices furnished on application.

		Red Oak	
	Each	Per 10	Per 100
<b>Q. RUBRA</b>			
8 to 10 ft.	3.00	24.00	
<b>SALISBURIA</b> See <i>Ginkgo</i>			
<b>SALIX BLANDA</b>		<b>Wisconsin Weeping Willow</b>	
6 to 8 ft.	1.00	8.50	75.00
8 to 10 ft.	1.50	13.50	120.00
<b>S. ELEGANTISSIMA</b>		<b>Thurlow's Willow</b>	
6 to 8 ft.	1.00	8.50	75.00
8 to 10 ft.	1.50	13.50	120.00
10 to 12 ft.	2.00		
<b>S. PENTANDRA</b>		<b>Laurel-leaved Willow</b>	
6 to 8 ft.	1.00	8.50	75.00
8 to 10 ft.	1.50	12.50	
<b>S. VITELLINA AUREA</b>		<b>Golden Bark Willow</b>	
5 to 6 ft.	.75	6.00	
6 to 8 ft.	1.00	9.00	
8 to 10 ft.	1.25	11.00	
10 to 12 ft.	1.50	13.50	
<b>SORBUS AUCUPARIA</b>		<b>Mountain Ash</b>	
5 to 6 ft.	2.00		
6 to 8 ft.	2.50		
8 to 10 ft.	3.00		
<b>TILIA PLATYPHYLLOS</b>		<b>Broad-leaf Linden</b>	
10 to 12 ft.	2.50		
<b>T. VULGARIS</b>		<b>European Linden</b>	
8 to 10 ft.	1.50		
<b>TULIP TREE</b> See <i>Liriodendron</i>			
<b>ULMUS AMERICANA</b>		<b>American Elm</b>	
8 to 10 ft.	2.00	18.00	
10 to 12 ft.	3.00	27.50	250.00
12 to 14 ft.	4.00		
<b>WILLOW</b> See <i>Salix</i>			

# EVERGREEN TREES

---

We carry larger sizes of some varieties than those listed. Prices furnished on application.

**ABIES BRACHYPHYLLA**

	Each
3 to 4 ft.	7.50
4 to 5 ft.	10.00
5 to 6 ft.	12.50

**Nikka or Japanese Fir**

Per 10 Per 100

**ABIES CONCOLOR**

1½ to 2 ft.	4.00
2 to 2½ ft.	5.00
2½ to 3 ft.	6.00
3 to 4 ft.	7.50
4 to 5 ft.	8.50
5 to 6 ft.	10.00

**Silver or White Fir****ARBOR VITAE See Thuya****FIR See Abies****HEMLOCK See Tsuga****JUNIPERUS CHINENSIS**

2 to 3 ft.	3.00
3 to 4 ft.	4.50

**Chinese Juniper****J. CHINENSIS VAR. PFITZERIANA**

1 to 1½ ft.	2.50
1½ to 2 ft.	3.50
2 to 2½ ft.	4.50

**Pfitzer's Juniper****J. COMMUNIS**

12 to 15 in.	1.50
15 to 18 in.	1.75
1½ to 2 ft.	2.00
2 to 2½ ft.	3.00

**Prostrate Juniper****J. COMMUNIS VAR. AUREA**

15 to 18 in.	2.00
1½ to 2 ft.	3.00
2 to 3 ft.	4.00

**Golden Prostrate Juniper**

18.00

25.00

**J. COMMUNIS VAR. HIBERNICA**

18 to 24 in.	1.25
2 to 3 ft.	2.00

**Irish Juniper**

10.00

**J. COMMUNIS VAR. SUECICA**

12 to 18 in.	1.00
1½ to 2 ft.	1.50

**Swedish Juniper****J. EXCELSA VAR. STRICTA**

12 to 15 in.	2.00
15 to 18 in.	3.00

**Greek Juniper****J. SABINA**

12 to 15 in.	1.50
15 to 18 in.	2.00

**Savin Juniper**

12.50

<b>J. SABINA VAR. TAMERICIFOLIA</b>	Each	Per 10	Per 100
12 to 18 in.	2.00		
1½ to 2 ft.	3.00		
<b>J. VIRGINIANA</b>		<b>Red Cedar</b>	
2 to 3 ft.	2.25		
3 to 4 ft.	3.50		
4 to 5 ft.	5.00		
5 to 6 ft.	6.00		
6 to 7 ft.	9.00		
<b>J. VIRGINIANA VAR. TRIPARTITA</b>		<b>Spreading Cedar</b>	
18 to 24 in.	1.50		
2 to 3 ft.	2.50		
<b>PICEA CANADENSIS</b>		<b>White Spruce</b>	
12 to 18 in.	1.00	9.00	
1½ to 2 ft.	1.25	11.50	
2 to 3 ft.	2.00		
<b>P. ENGLEMANII</b>		<b>Engleman's Spruce</b>	
18 to 24 in.	2.00		
2 to 3 ft.	3.50		
<b>P. EXCELSA</b>		<b>Norway Spruce</b>	
12 to 18 in.	.85	7.50	
1½ to 2 ft.	1.00	9.00	
2 to 3 ft.	2.00	18.00	
3 to 4 ft.	3.50	33.00	
<b>P. PUNGENS</b>		<b>Colorado Spruce</b>	
12 to 18 in.	2.00		
1½ to 2 ft.	3.00		
2 to 3 ft.	5.00		
3½ ft.	9.00		
4 ft.	11.00		
4½ ft.	12.50		
5 ft.	14.00		
5½ ft.	15.00		
6 ft.	16.00		
<b>P. PUNGENS GLAUCA</b>		<b>Colorado Blue Spruce</b>	
12 to 18 in.	3.00		
1½ to 2 ft.	5.00		
2 to 2½ ft.	7.50		
3 ft.	10.00		
3½ ft.	12.50		
4 ft.	15.00		
4½ ft.	15.75		
5 ft.	16.50		
5½ ft.	17.50		
6 ft.	20.00		
6½ ft.	22.50		
<b>P. PUNGENS VAR. KOSTERIANA</b>		<b>Koster's Blue Spruce</b>	
Prices on application.			
<b>PINUS AUSTRIACA</b>		<b>Austrian Pine</b>	
2 to 3 ft.	4.00		

<b>P. DENSIFLORA</b>			<b>Japanese Red Pine</b>
2 to 3 ft.	Each	Per 10	Per 100
3 to 4 ft.	1.25	10.00	
4 to 5 ft.	2.00	18.00	
	3.50	33.00	
<b>P. MONTANA VAR. MUGHUS</b>			<b>Mugho or Dwarf Mountain Pine</b>
12 to 15 in. spread	2.50	24.00	
15 to 18 in. spread	3.00	25.00	
1½ to 2 ft. spread	4.00		
<b>P. RESINOSA</b>			<b>Red Pine</b>
2 to 3 ft.	1.50	13.50	
3 to 4 ft.	2.25	21.00	
4 to 5 ft.	3.50	35.00	
5 to 6 ft.	6.00	55.00	
6 to 7 ft.	8.00		
<b>P. STROBUS</b>			<b>White Pine</b>
2 to 3 ft.	2.00	18.00	
3 to 4 ft.	2.50	22.00	
4 to 5 ft.	3.50	33.00	
5 to 6 ft.	5.00	45.00	
	6.00		
<b>P. SYLVESTRIS</b>			<b>Scotch Pine</b>
2 to 3 ft.	2.50		
3 to 4 ft.	4.00		
4 to 5 ft.	5.00		
6 to 8 ft. specimens	10.00 to 12.00 each		
<b>PSEUDOTSUGA DOUGLASII</b>			<b>Douglas Spruce</b>
1½ to 2 ft.	2.00		
2 to 3 ft.	3.00		
3 to 4 ft.	4.00		
<b>RETINOSPORA FILIFERA</b>			<b>Thread-like Cypress</b>
12 to 18 in.	2.00		
1½ to 2 ft.	3.50	15.00	
<b>R. PISIFERA</b>			<b>Pea-fruited Cypress</b>
1½ to 2 ft.	2.00		
2 to 3 ft.	3.00		
<b>R. PISIFERA VAR. AUREA</b>			<b>Golden Pea-fruited Cypress</b>
1½ to 2 ft.	2.00		
2 to 2½ ft.	2.50		
<b>R. PLUMOSA</b>			<b>Plume-like Cypress</b>
1½ to 2 ft.	2.00	17.50	
<b>R. PLUMOSA VAR. AUREA</b>			<b>Golden Plume Cypress</b>
1½ to 2 ft.	2.00	17.50	
<b>TAXUS CANADENSIS</b>			<b>Canadian Yew</b>
12 to 15 in.	1.50	12.00	
15 to 18 in.	2.00	18.00	
<b>T. CUSPIDATA</b>			<b>Japanese Yew</b>
12 to 18 in.	2.50	24.00	
1½ to 2 ft.	4.00	36.00	
2 to 2½ ft.	6.00	54.00	
<b>T. CUSPIDATA ERECTA</b>			<b>Pyramid Jap. Yew</b>
12 to 18 in.	2.50		
18 to 24 in.	4.00		
3 to 5 ft. specimens	10.00 to 25.00 each		

T.	CUSPIDATA NANA (Brevifolia)	Spreading Japanese Yew
	12 to 15 in.	Each      Per 10      Per 100
	15 to 18 in.	3.00      27.00
	18 to 24 in.	4.00      36.00
		6.00      54.00
THUYA OCCIDENTALIS		American Arbor Vitae
	1½ to 2 ft.	1.50      12.50
	2 to 2½ ft.	2.50      22.50
	3 to 3½ ft.	4.00
	4 ft.	5.00
	4½ ft.	6.00
	5 ft.	6.50
T. OCCIDENTALIS VAR. AUREA		Geo. Peabody Arbor Vitae
	15 to 18 in.	1.50
	1½ to 2 ft.	2.00
T. OCCIDENTALIS VAR. COMPACTA		
	15 to 18 in.	1.50      12.50
	1½ to 2 ft.	2.00      18.00
T. ELWANGERIANA		Tom Thumb Arbor Vitae
	15 in.	1.00      9.00
	18 in.	1.25      10.00
	24 in.	2.00      15.00
T. OCCIDENTALIS GLOBOSA		Globe Arbor Vitae
	12 to 15 in.	2.00      18.00
	15 to 18 in.	2.50      22.50
T. GLOBOSA WOODWARDI		Woodward's Globe
	15 to 18 in.	2.00      18.00
	18 to 24 in.	2.50      22.50
T. OCCIDENTALIS PLICATA (Douglassi Spiralis)		
	12 to 18 in.	1.25      11.00
	18 to 24 in.	2.00
	2 to 3 ft.	3.00
	3 to 4 ft.	4.50
T. OCCIDENTALIS VAR. PYRAMIDALIS		Pyramid Arbor Vitae
	18 to 24 in.	2.00      18.00
	2 to 3 ft.	3.50      30.00
	3 to 3½ ft.	4.50      42.50
	3½ to 4 ft.	6.00
	4½ ft.	7.50
	5 ft.	8.50
T. OCCIDENTALIS VAR. VERVAENEANA		
	18 to 24 in.	2.00      18.00
	2 to 2½ ft.	3.00      27.00
T. OCCIDENTALIS VAR. WAREANA		Siberian Arbor Vitae
	18 in.	2.00      18.00
	2 ft.	3.00      27.00
	2 to 2½ ft.	3.50
TSUGA CANADENSIS		Hemlock
	1½ to 2 ft.	2.50      22.50
	2 to 2½ ft.	3.50      33.00
	2½ to 3 ft.	4.50
	3 to 3½ ft.	6.00
	3½ to 4 ft.	7.50
	4 to 5 ft.	12.00

## EVERGREEN SHRUBS

**ANDROMEDA FLORIBUNDA**

12 to 15 in.

	Each	Per 10	Per 100
	2.50	20.00	

**BUXUS**

For several years we have not included this valuable decorative shrub owing to the United States Quarantine forbidding importations of such trees from Europe, the only place where they were obtainable at that time.

This year we are again offering trees of Boxwoods, grown in this country, in pyramid shape in tubs.

2 feet	\$4.50 each	\$8.50 per pair	
2½ feet	5.50 each	10.00 per pair	

**DAPHNE CNEORUM**

6 to 8 in.	.75	6.50	60.00
8 to 10 in.	1.00	8.50	75.00
10 to 12 in.	1.25	12.00	100.00
12 to 15 in.	1.75		

**EUONYMUS RADICANS**

2 years	.50	4.50	36.00
3 years	.60	4.80	

**E. RADICANS VAR. VARIEGATA****Variegated Climbing Euonymus**

2 years	.50	4.50	36.00
3 years	.60	4.80	

**E. RADICANS VEGETUS****Broad-leaved Climbing Euonymus**

3 years	.75	6.00	
---------	-----	------	--

**KALMIA LATIFOLIA**

12 to 15 in.	1.25	12.00	
15 to 18 in.	2.00	18.00	
1½ to 2 ft.	3.00		
2 to 2½ ft.	4.00		

**LAUREL See Kalmia****LEUCOTHOE CATESBAEI****Drooping Andromeda**

12 to 15 in.	1.50	14.00	
15 to 18 in.	2.00	18.00	
18 to 24 in.	2.50		

**PACHYSANDRA TERMINALIS****Japanese Spurge**

2 years	.25	2.10	15.00
---------	-----	------	-------

**RHODODENDRON CAROLINIANUM****Carolina Rhododendron**

12 to 18 in.	2.00	17.50	
1½ to 2 ft.	4.00	35.00	

**R. CATAWBIENSE****Native Red Rhododendron**

12 to 18 in.	2.50	22.00	
1½ to 2 ft.	2.75	24.00	
2 to 2½ ft.	4.00		

R. HYBRIDS		Rhododendron
These come in various colors.		
15 to 18 in.	Each	Per 10
1½ to 2 ft.	3.00	150.00
2 to 2½ ft.	3.75	
	4.50	
R. MAXIMUM		Native White Rhododendron
12 to 18 in.	1.75	15.00
1½ to 2 ft.	2.50	21.00
2 to 2½ ft.	3.00	27.00
3 ft.	4.00	
3½ ft.	5.00	
4 ft.	6.00	
YUCCA FILAMENTOSA		Adam's Needle
3 years	.40	3.00
4 years	.50	4.00
		24.00
		30.00

## HEDGE PLANTS

### BARBERRY, THUNBERGS OR JAPANESE

	Per Doz.	Per 100
12 to 18 in.	2.40	15.00
18 to 24 in. Heavy	3.60	25.00
24 to 30 in.	4.50	36.00

### PRIVET, AMOOR RIVER

18 to 24 in.	2.40	12.00
24 to 36 in.	3.00	15.00
36 to 48 in.	4.20	22.50

### PRIVET, CALIFORNIA

12 to 18 in.	.75	5.00
18 to 24 in.	1.20	8.00
24 to 36 in.	1.80	10.00
36 to 48 in.	2.10	15.00

### PRIVET, IBOLIUM

A cross between Ibota and California Privet. It has the attractive dark green leaves of the California but is of a more branching habit, making a more compact hedge in less time. Reports that Ibolium show no signs of winter injury, when California has been killed to the ground, are being received from many places in the New England and Middle States.

1½ to 2 ft.	1.80	12.00
2 to 3 ft.	2.40	17.50
3 to 4 ft.	3.60	22.50

### PRIVET, IBOTA

18 to 24 in.	2.10	12.00
24 to 36 in.	3.00	15.00
36 to 48 in.	4.20	22.50

## DECIDUOUS SHRUBS

<b>ACANTHOPanax PENTAPHYLLA</b>		<b>Each</b>	<b>Per 10</b>	<b>Aralia</b>
2 to 3 ft.		.50	4.50	36.00
3 to 4 ft.		.60	5.50	45.00
4 to 5 ft.		.75	6.50	60.00
<b>ALMOND</b>	See <i>Prunus</i>			
<b>ALTHEA</b>	See <i>Hibiscus</i>			
<b>ARALIA</b>	See <i>Acanthopanax</i>			
<b>AZALEA ARBORESCENS</b>			<b>White Fragrant Azalea</b>	
12 to 18 in.		1.50		
1½ to 2 ft.		2.00		
<b>A. CANADENSIS</b>				<b>Rhodora</b>
12 to 18 in.		1.00	9.00	
1½ to 2 ft.		1.50		
<b>A. LUTEA (Calandulacea)</b>				<b>Flame Azalea</b>
12 to 18 in.		1.50	14.00	
1½ to 2 ft.		2.50	22.50	
<b>A. MOLLIS</b>				<b>Japanese Azalea</b>
12 to 18 in.		2.00		
18 to 24 in.		2.50		
<b>A. NUDIFLORA</b>				<b>Purple Azalea</b>
12 to 18 in.		1.25		
1½ to 2 ft.		1.75		
<b>A. POUKHANESE</b>				<b>Korean Azalia</b>
15 to 18 in.		3.50	30.00	
18 to 24 in.		4.50	42.00	
<b>A. VIScosa</b>				<b>Swamp Pink</b>
12 to 18 in.		1.50	12.50	
1½ to 2 ft.		2.00	17.50	
2 to 2½ ft.		2.50	22.50	
<b>A. YODOGAMA</b>				<b>Double Japanese Azalea</b>
12 to 15 in.		2.00		
15 to 18 in.		3.00		
<b>BENZOIN AESTIVALE (Lindera)</b>				<b>Spice Bush</b>
1½ to 2 ft.		.50		
2 to 3 ft.		.75		
<b>BERBERIS THUNBERGII</b>				<b>Japanese Barberry</b>
12 to 18 in.		.30	2.00	15.00
1½ to 2 ft.		.40	3.00	25.00
2 to 2½ ft.		.50	3.75	36.00
<b>B. THUNBERGII NANA</b>				<b>Box Barberry</b>
12 to 15 in.		.50	3.60	30.00
<b>B. THUNBERGII ATROPURPUREA</b>	Red-leaved Jap. Barberry			
Similar in habit to the well known Japanese Barberry. The foliage is bright red the entire season.				
18 to 24 in.		1.00	9.00	75.00

<b>BRIDAL WREATH</b>	<b>See Spirea Prunifolia</b>			
<b>BUDDLEIA DAVIDII MAGNIFICA (Valiabilis)</b>	<b>Butterfly Bush</b>			
2 yr. plants	Each .50	Per 10 4.00	Per 100 30.00	
<b>CALYCANTHUS FLORIDA</b>				<b>Allspice</b>
2 to 3 ft.	.75	6.00		
<b>CARAGANA ARBORESCENS</b>				<b>Siberian Pea</b>
2 to 3 ft.	.50			
3 to 4 ft.	.60			
4 to 5 ft. Standards	.75	6.00		
5 to 6 ft. Standards	1.00	9.00		
6 to 7 ft. Standards	1.50	12.00		
<b>CHIONANTHUS VIRGINICA</b>				<b>White Fringe</b>
1½ to 2 ft.	1.00			
2 to 3 ft.	1.25			
<b>CLETHRÀ ALNIFOLIA</b>				<b>Sweet Pepper Bush</b>
1½ to 2 ft.	.50	4.20	30.00	
2 to 3 ft.	.60	4.50	36.00	
<b>CORNUS ALBA (Siberica)</b>				<b>Red-bark Dogwood</b>
2 to 3 ft.	.50	3.60	27.00	
3 to 4 ft.	.60	4.50	36.00	
<b>C. ALBA ELEGANTISSIMA</b>				<b>Variegated Cornus</b>
2 to 3 ft.	.75	6.00	50.00	
3 to 4 ft.	.90	7.00	65.00	
<b>C. MASCULA</b>				<b>Cornelian Cherry</b>
3 to 4 ft.	.60	4.50		
4 to 5 ft.	.75	6.00		
<b>C. STOLONIFERA LUTEA (Aurea)</b>				<b>Golden-bark Dogwood</b>
2 to 3 ft.	.50	4.20		
3 to 4 ft.	.60	4.50		
<b>COTONEASTER HORIZONTALIS</b>				
A beautiful plant for terraces, slopes, tops of low walls, foundation planting, etc. Fan shaped, prostrate branches, and red berries in Fall.				
Field grown stock does not transplant safely, so we only offer excellent stock from pots.	1.00	8.00	75.00	
<b>CYDONIA JAPONICA</b>				<b>Japanese Quince</b>
1½ to 2 ft.	.60	4.50		
2 to 3 ft.	.75	6.00		
<b>DESMODIUM PENDULIFLORUM</b>				<b>Sweet Pea Shrub</b>
2 years	.60			
<b>DEUTZIA CRENATA</b>				
2 to 3 ft.	.50	4.00	30.00	
3 to 4 ft.	.60	4.50		
<b>D. GRACILIS</b>				<b>Dwarf Deutzia</b>
10 to 12 in.	.40	3.50	30.00	
12 to 18 in.	.50	4.50		
1½ to 2 ft.	.75	6.00		

**D. LEMOINEI**

	Each	Per 10	Per 100
12 to 18 in.	.45	4.00	36.00
18 to 24 in.	.60	5.00	
24 to 30 in.	.75	6.00	

**D. PRIDE OF ROCHESTER**

1½ to 2 ft.	.40	3.00	25.00
2 to 3 ft.	.50	4.00	30.00

**D. SCABRA**

2 to 3 ft.	.40	3.60	
3 to 4 ft.	.50	4.20	33.00

**EUONYMUS ALATUS**

18 to 24 in.	.75	6.00	54.00
2 to 3 ft.	.90	7.50	

**EXOCHORDA GRANDIFLORA**

2 to 3 ft.	.75	Pearl Bush
------------	-----	------------

**FORSYTHIA FORTUNEEII**

2 to 3 ft.	.50	Fortune's Golden Bell
3 to 4 ft.	.60	4.20 30.00

**F. INTERMEDIA**

2 to 3 ft.	.50	Golden Bell
3 to 4 ft.	.60	4.20 30.00

**F. SUSPENSA**

3 to 4 ft.	.60	Weeping Golden Bell
------------	-----	---------------------

**GOLDEN BELL** See *Forsythia***HONEYSUCKLE** See *Lonicera***HAMAMELIS VIRGINICA**

Witch Hazel

2 to 3 ft.	.60
------------	-----

**HIBISCUS SYRIACUS (ALTHEA)**

Rose of Sharon

2 to 3 ft.	.50	4.50
3 to 4 ft.	.75	5.00
Standards	.75	

**HYDRANGEA ARBORESCENS GRANDIFLORA**

Snowball Hydrangea

1½ to 2 ft.	.50	4.20
2 to 3 ft.	.65	6.00
3 to 4 ft.	.75	7.00

**H. PANICULATA**

Single Flower

2 to 3 ft.	.60
3 to 4 ft.	.75

**H. PANICULATA GRANDIFLORA**

Common Hydrangea

1½ to 2 ft.	.50	4.50	36.00
2 to 3 ft.	.65	5.40	45.00
3 to 4 ft.	.75	6.50	60.00

Tree Form.

2 to 3 ft.	.75	6.50
3 to 4 ft.	1.25	10.00
4 to 5 ft.	1.50	12.00

**HYPERICUM DENSIFLORUM**

St. John's Wort

1½ to 2 ft.	.50
-------------	-----

		Each	Black Alder	
			Per 10	Per 100
<b>ILEX VERTICILLATA</b>				
1½ to 2 ft.	.50			
<b>JAPANESE QUINCE</b> See <i>Cydonia</i>				
<b>KERRIA JAPONICA FLORA PLENO</b>			Globe Flower	
2 to 3 ft.	.75	6.00		
<b>K. JAPONICA VARIEGATA</b>				
12 to 15 in.	.60	4.80		
<b>LIGUSTRUM AMURENSE</b>			Amoor Privet	
1½ to 2 ft.	.25	2.00	12.00	
2 to 3 ft.	.30	2.50	15.00	
3 to 4 ft.	.40	3.50	22.50	
<b>L. IBOLIUM</b>			Ibolium Privet	
1½ to 2 ft.	.20	1.50	12.00	
2 to 3 ft.	.25	2.00	17.50	
3 to 4 ft.	.35	3.00	22.50	
<b>L. IBOTA</b>			Japanese Privet	
1½ to 2 ft.	.20	1.75		
2 to 3 ft.	.30	2.50		
3 to 4 ft.	.40	3.50		
<b>L. IBOTA VAR. REGELIANUM</b>			Regel's Privet	
12 to 18 in.	.35	3.00	25.00	
1½ to 2 ft.	.40	3.50	30.00	
2 to 2½ ft.	.45			
<b>L. OVALIFOLIUM</b>			California Privet	
12 to 18 in.	.10	.60	5.00	
1½ to 2 ft.	.15	1.00	8.00	
2 to 3 ft.	.20	1.50	10.00	
3 to 4 ft.	.25	1.75	15.00	
<b>LILAC</b> See <i>Syringa</i>				
<b>LONICERA FRAGRANTISSIMA</b>			Fragrant Bush Honeysuckle	
2 to 3 ft.	.60			
3 to 4 ft.	.75			
<b>L. MORROWII</b>				
2 to 3 ft.	.50	4.00	30.00	
3 to 4 ft.	.60	4.50	36.00	
<b>L. RUPRECHTIANA</b>				
2 to 3 ft.	.50	4.00		
3 to 4 ft.	.60	4.80		
<b>L. TARTARICA VAR. ALBA</b>			White Tartarian Honeysuckle	
3 to 4 ft.	.60	4.50		
<b>L. TARTARICA GRANDIFLORA</b>				
2 to 3 ft.	.50	4.00		
3 to 4 ft.	.60	4.50		
<b>L. XYLOSTEUM</b>			Fly Honeysuckle	
2 to 3 ft.	.50	4.00		
3 to 4 ft.	.60	4.50		
<b>MYRICA CERIFERA</b>			Bayberry	
15 to 18 in.	.50			
1½ to 2 ft.	.60			

<b>PHILADELPHUS CORONARIUS</b>		<b>Mock Orange</b>
	Each	Per 10 Per 100
2 to 3 ft.	.50	4.00 30.00
3 to 4 ft.	.60	4.50 36.00
<b>P. CORONARIUS VAR. AUREA</b>		<b>Golden-Leaf Syringa</b>
12 to 18 in.	.60	5.00 45.00
1½ to 2 ft.	.75	6.00
<b>P. ERECTA</b>		
2 to 3 ft.	.50	4.00
3 to 4 ft.	.60	4.80
<b>P. GRANDIFLORA</b>		<b>Large Flowered Syringa</b>
2 to 3 ft.	.50	4.00 30.00
3 to 4 ft.	.60	4.50 36.00
<b>P. VIRGINALIS</b>		<b>Double Flowering Syringa</b>
2 to 2½ ft.	1.00	
<b>PRUNUS JAPONICA, ALBA &amp; RUBRA</b>		<b>Flowering Almond</b>
1½ to 2 ft.	.60	5.00
2 to 3 ft.	.75	6.50
3 to 4 ft.	1.00	9.00
<b>PURPLE FRINGE</b>	See <i>Rhus Cotinus</i>	
<b>PYRUS JAPONICA</b>	See <i>Cydonia</i>	
<b>RHODOTYPOS KERRIOIDES</b>		<b>White Kerria</b>
18 to 24 in.	.50	4.00
2 to 3 ft.	.60	5.00
3 to 4 ft.	.75	
<b>RHUS COTINUS</b>		<b>Purple Fringe</b>
2 to 3 ft.	1.00	
<b>R. CANADENSIS (Aromatica)</b>		<b>Fragrant Sumac</b>
1½ to 2 ft.	.50	4.50
2 to 3 ft.	.60	5.00
<b>R. COPALLINA</b>		<b>Shining Sumac</b>
2 to 3 ft.	.50	
3 to 4 ft.	.60	
<b>R. TYPHINA LACINIATA</b>		<b>Cut-leaf Sumac</b>
1½ to 2 ft.	.40	3.00
2 to 3 ft.	.50	4.00
<b>RUBUS ODORATUS</b>		<b>Flowering Raspberry</b>
2 to 3 ft.	.50	4.20
<b>ROSA RUGOSA</b>		<b>Japanese Rose</b>
<b>R. RUGOSA ALBA</b>		<b>White Rugosa</b>
1½ to 2 ft.	.60	5.00 45.00
<b>R. RUGOSA RUBRA</b>		<b>Pink Rugosa</b>
12 to 18 in.	.40	3.00 22.50
1½ to 2 ft.	.50	4.20 30.00
2 to 3 ft.	.60	4.80 39.00
<b>SAMBUCUS AUREA</b>		<b>Golden Elder</b>
2 to 3 ft.	.50	4.20
3 to 4 ft.	.60	4.80
<b>S. CANADENSIS</b>		<b>Common Elderberry</b>
2 to 3 ft.	.50	4.00

**SPIREA ARGUTA**

	Each	Per 10	Per 100
2 to 3 ft.	.50	4.50	39.00
3 to 4 ft.	.75	6.00	54.00

**S. BUMALDI**

Dwarf Pink Spirea
-------------------

12 to 18 in.	.40	3.60	30.00
1½ to 2 ft.	.60	4.50	40.00

**S. BUMALDA VAR. FROEBELI**

Crimson Spirea
----------------

1½ to 2 ft.	.45	3.60	30.00
2 to 3 ft.	.50	4.50	36.00

**S. BUMALDA VAR. WATERII**

Dwarf Crimson Spirea
----------------------

12 to 15 in.	.40	3.00	
15 to 18 in.	.45	3.60	30.00
1½ to 2 ft.	.50	4.50	

**S. CALLOSA ALBA**

Dwarf White Spirea
--------------------

1 ft.	.50	4.00	
1½ ft.	.60	4.50	

**S. OPULIFOLIA**

Ninebark
----------

2 to 3 ft.	.50		
3 to 4 ft.	.60		

**S. OPULIFOLIA AUREA**

Golden-Leaved Spirea
----------------------

Each	Per 10	Per 100	
2 to 3 ft.	.50	4.00	
3 to 4 ft.	.60	4.50	

**S. PRUNIFOLIA FLORA PLENA**

Bridal Wreath
---------------

2 to 3 ft.	.60	4.50	
3 to 4 ft.	.75	6.00	

**S. THUNBERGI**

1½ to 2 ft.	.50	4.00	
2 to 3 ft.	.60	4.80	

**S. VAN HOUTTEI**

St. Peter's Wreath
--------------------

2 to 3 ft.	.50	4.00	30.00
3 to 4 ft.	.60	4.50	36.00
4 to 5 ft.	.75	6.00	

**STEPHANANDRA FLEXUOSA**

Lace Shrub
------------

2 to 3 ft.	.60	4.50	42.00
------------	-----	------	-------

**SYMPHORICARPOS RACEMOSUS**

Snow Berry
------------

2 to 3 ft.	.50	4.00	
3 to 4 ft.	.60	4.80	

**S. VULGARIS**

Indian Currant
----------------

1½ to 2 ft.	.40	3.50	
2 to 3 ft.	.50	4.00	30.00

**S. VULGARIS VARIEGATA**

Variegated Indian Currant
---------------------------

1½ to 2 ft.	.40	3.00	25.00
2 to 3 ft.	.50	4.00	30.00

**SYRINGA**

Lilac
-------

These we offer in many varieties, including a great variation in colors both single and double.

**S. JAPONICA**

Japanese Lilac
----------------

2 to 3 ft.	.60		
------------	-----	--	--

		Rouen Lilac		
		Each	Per 10	Per 100
S.	<b>ROTHOMAGENSIS</b>			
	2 to 3 ft. bushes	.50		
	3 to 4 ft. trees	.75		
S.	<b>VILLOSA</b>			
	1½ to 2 ft.	.50	4.50	40.00
	2 to 3 ft.	.60	5.40	
S.	<b>VULGARIS</b>		<b>Common Purple Lilac</b>	
	1½ to 2 ft.	.40	3.00	
	2 to 3 ft.	.50	4.50	40.00
	3 to 4 ft.	.60	5.50	50.00
	4 to 5 ft.	.90		
S.	<b>VULGARIS ALBA</b>		<b>Common White Lilac</b>	
	1½ to 2 ft.	.40	3.00	
	2 to 3 ft.	.65	6.00	55.00
	3 to 4 ft.	.75	7.00	65.00
	4 to 5 ft.	1.00		
S.	<b>VULGARIS HYBRIDS</b>		<b>Grafted or Names Sorts</b>	
Varieties, single flowered:				
	Alphonse Laville		—Light blue	
	Anelia Dupret		—Light blue	
	Charles X		—Reddish-purple	
	Marie LeGrey		—White	
	Rubra de Marley		—Reddish purple	
	Souv. de Ludwig Spaeth		—Red	
	Ville de Troyes		—Dark purple	
	Virginalis		—White	
Varieties, double flowered:				
	Belle de Nancy		—Satin pink	
	Doyenne Keteler		—Light pink	
	Mme. Lemoine		—White	
	Michael Buchner		—Clear lilac purple	
	Mme. Casimir Perier		—White	
	1½ to 2 ft. (Bushy)	.50		
	2 to 3 ft.	.60		
	3 to 4 ft.	.90		
	2 to 3 ft. (Tree form)	.75		
	3 to 4 ft.	1.00		
<b>SYRINGA</b> See <i>Philadelphus</i>				
<b>VIBURNUM CARLESII</b>			<b>Mayflowered Viburnum</b>	
	1 ft.	1.00		
	1½ ft.	2.00		
	2 ft.	4.00		
<b>VIBURNUM DENTATUM</b>			<b>Arrow Wood</b>	
	2 to 3 ft.	.50	4.00	36.00
	3 to 4 ft.	.60		
<b>V. JAPONICA (Sieboldii)</b>				
	1½ to 2 ft.	.60	4.50	
	2 to 3 ft.	.75	6.00	
<b>V. LANTANA</b>			<b>Wayfaring Tree</b>	
	2 to 3 ft.	.50	4.50	

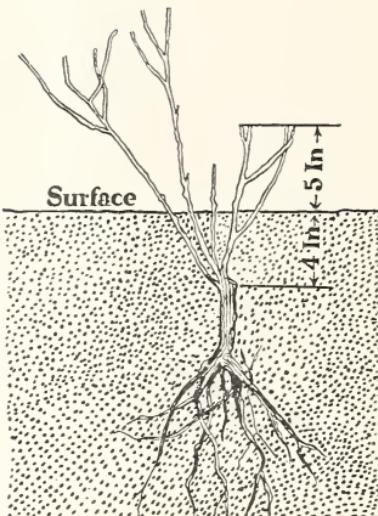
			<b>Sheep Berry</b>	
		Each	Per 10	Per 100
	1½ to 2 ft.	.50	4.00	
	2 to 3 ft.	.60	5.40	45.00
<b>V. OPULUS</b>		<b>Cranberry Tree</b>		
	1½ to 2 ft.	.50	4.00	
	2 to 3 ft.	.60	5.00	
<b>V. OPULUS NANA</b>		<b>Dwarf Viburnum</b>		
	6 to 8 in.	.30	2.50	
	8 to 10 in.	.35	3.00	
	10 to 12 in.	.40	3.50	
<b>V. OPULUS STERILE</b>		<b>Common Snowball</b>		
	18 to 24 in.	.50	4.00	
	2 to 3 ft.	.60		
<b>V. TOMENTOSUM</b>		<b>Single Japan Snowball</b>		
	1½ to 2 ft.	.50	4.50	
	3 to 4 ft.	.75	6.50	
<b>V. TOMENTOSUM PLICATUM</b>		<b>Japanese Snowball</b>		
	18 to 24 in.	.75		
<b>WEIGELIA CANDIDA</b>				
	2 to 3 ft.	.60	5.00	45.00
	3 to 4 ft.	.75		
<b>W. EVA RATHKE</b>		<b>Red Weigelia</b>		
	12 to 18 in.	.50	4.50	36.00
	18 to 24 in.	.75	6.00	54.00
<b>W. ROSEA</b>		<b>Pink Weigelia</b>		
	2 to 3 ft.	.50	4.20	39.00
	3 to 4 ft.	.60	5.00	
<b>W. ROSEA VARIEGATA</b>		<b>Variegated Weigelia</b>		
	1½ to 2 ft.	.50	4.80	45.00
	2 to 3 ft.	.60	5.50	50.00
	3 to 4 ft.	.75	6.50	
<b>XANTHORRHIZA APIIFOLIA</b>		<b>Yellow Root</b>		
Dwarf shrub much used for undergrowth.				
	10 to 12 in.	.40	3.00	21.00

# CLIMBING VINES

			Silver	Sweet	Vine
		Each	Per 10	Per 100	
<b>ACTINIDIA ARGUTA</b>	2 years	.75	6.00		
<b>AKEBIA QUINATA</b>	2 years	.75			
<b>AMPELOPSIS QUINQUEFOLIA</b>	2 years	.50	4.00	25.00	Woodbine
	3 years	.60	4.50	30.00	
<b>A. QUINQUEFOLIA ENGLEMANII</b>					Engleman's Ivy
	2 years	.50	4.00	25.00	
	3 years	.60	4.50	30.00	
<b>A. VEITCHII</b>					Boston Ivy
	2 years	.75	6.00	55.00	
	3 years	1.00	7.50	65.00	
<b>ARISTOLOCHIA SIPHO</b>					Dutchman's Pipe
	2 years	1.25			
	3 years	1.50			
<b>A. TOMENTOSUM</b>					
	2 years	.50	4.50		
	3 years	.75	6.00		
<b>BIGNONIA RADICANS</b>					Trumpet Vine
	3 years	.50	4.50		
<b>BITTER SWEET</b>	See Celastris Scandens				
<b>BOSTON IVY</b>	See Ampelopsis Veitchii				
<b>CELASTRIS SCANDENS</b>					Bitter Sweet
	2 years	.50	4.00	30.00	
<b>CLEMATIS</b>					
	Jackmanii—Purple or Blue				Henryi—White
	Mad. Edward Andre—Red				
	2 years	1.00	7.50		
<b>C. PANICULATA</b>					Japanese Virgin Bower
	2 years medium	.50	4.00	30.00	
	2 years extra	.60	4.50	40.00	
	3 years	.75	6.00		
<b>HONEYSUCKLE</b>	See Lonicera				
<b>HUMULUS LUPULUS</b>					Hop Vine
	3 years	.50			
<b>LONICERA HALLEANA</b>					Japanese Honeysuckle
	2 years	.50	4.00	25.00	
	3 years	.60	4.50		
<b>L. SEMPERVIRENS</b>					Scarlet Trumpet Honeysuckle
	2 years	.60	4.80		
<b>LYCIUM BARBATUM</b>					Matrimony Vine
	3 years	.60			
<b>MATRIMONY VINE</b>	See Lycium				
<b>WISTARIA SINENSIS</b>					Purple Wistaria
	2 years Layers	.75	6.50	60.00	
	3 years Layers	1.00	8.50	75.00	
	4 years Extra heavy	1.50			
<b>W. CHINENSIS ALBA</b>					White Wistaria
	3 years	.75	6.50	60.00	

# Roses and Their Culture

Our Roses are as hardy as trees, grown outdoors, and sure to give satisfaction, assuming customer knows how to handle them. If a Rose Bush dies after planting it is usually due to lack of trimming and lack of water. If the roots are kept wet for two weeks after planting they are sure to grow. Nearly all losses on Roses are due to lack of enough moisture, as the roots are as hardy as any tree we ship out. Customers should always remember that we have no control over our products after they leave our hands. We make them grow and the customer can do the same if he handles them properly.



## HOW TO GROW ROSES

Select a sunny location in the open, southern exposure preferred, sheltered, if possible, from north winds.

**Prepare beds** by using good soil and cow or well rotted horse manure. Old sod well cut is also beneficial. Beds should be at least two feet in depth. For convenience of customers we offer cow manure put up in bags. See inside last page of this catalogue.

## PLANTING

Plant deep so that the branches, where they leave the trunk, will be four inches below the surface. Trim as shown in cut so as to leave not over 5 or 6 inches of wood above ground. Pound the soil firmly about the root and water thoroughly. If the soil and weather be dry, a good soaking of water may be applied, and then shade the ground and plants with mulching. If shaded by paper or other devices from drying winds until they commence growing, their success will be assured. The season for transplanting hardy Roses is April, May, October and November.

**Pruning.** This should be regulated by the habit of growth, the weak shoots cut in closely, the strong left longer. Moss Roses and Austrian Yellow Roses need the least pruning. Hybrid Perpetuals, grown to produce flowers for exhibition, require close pruning before the middle of April, the weak shoots being cut close back, and the strong ones to 5 or 6 eyes. If less is cut away, the number of blooms will be larger, but the size of the flowers will be smaller. Climbing Roses should have their

old shoots and such as are weak entirely cut away, while several vigorous branches may be left their entire length.

**Watering.** In dry weather water is of much benefit, if properly applied. Frequent surface waterings are worse than none, for they seldom fail to produce bad health and disease. When water is given, it should be in sufficient quantity to reach the lower roots, and to prevent its quickly drying out a mulch on the surface is very useful.

**For winter protection,** draw the soil one foot high about the plants, or even more, if convenient. Manure can be put on for additional protection. It need not be rotted; green will answer just as well, and can be covered under in the spring.

### INSECTS

A weekly application of Bordeaux-Arsenate of Lead Mixture, at the rate of eight ounces to five gallons of water, applied with sprayer, under side of foliage, during growing season will keep roses free from almost all insect pests and fungous diseases. A mulching of two inches of tobacco stems covering ground is very beneficial.

A liberal use of cold water, sprayed with force from the hose nozzle on the underside of the leaves, will keep the plants free from green fly and other insects.

**Hellebore, Powdered White.** For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green and London Purple, and safer to use. Use as a powder or dissolve one ounce in three gallons of water.

### POT GROWN

While we use every modern method possible to keep our dormant roses fresh for planting out, yet as the season advances the plants are certain to start or become dried to some extent. We, therefore, have established in pots plants of the same size as the dormant ones, and of the leading sorts, which may be planted as late as July and blossom the first season. By planting **Pot Grown** roses you will be assured that all will grow.

\$1.00 each; \$10.50 per doz.; \$80.00 per 100.

**A CHARGE WILL BE MADE FOR EARTHEN POTS.**

## HYBRID TEA ROSES

Two-year dormant plants, 90c. each; \$9.00 per doz.; \$65.00 per 100, except where noted.

**Chateau de Clos Vougeot.** Crimson center, fiery scarlet tips.  
Darkest H. T.

**Columbia.** Glowing pink. A splendid, large, fully double rose.  
Most attractive.

**Duchess of Wellington.** A delightfully fragrant rose. Intense saffron-yellow.

**Edward Mawley.** Rich. velvety-crimson, globular flowers borne in profusion.

**Etoile de France.** Deep crimson with cerise-red center.

**General McArthur.** Brilliant crimson-scarlet A splendid rose.

**Gruss an Teplitz.** Rich scarlet shading to crimson. Vigorous; free bloomer.

**Jonkheer J. L. Mock.** Outside of petals carmine, inside flesh pink.

**Kaiserne Augusta Victoria.** Cream, slightly shaded lemon. Very fragrant.

**Killarney.** Flesh, shaded white, suffused pale pink. A lovely variety.

**Killarney Brilliant.** Brilliant pink, almost crimson. Very fragrant.

**Killarney Queen.** Deeper in color than the above; flowers more double.

**Konigin Carola.** Color a beautiful satiny rose; reverse of petals silvery rose.

**Lady Alice Stanley.** Beautiful coral-rose. A magnificent variety, nearly reaching perfection.

**Lady Ashtown.** Pale rose, shading to yellow at base of petals. Fine buds.

**Lady Hillingdon.** Deep apricot yellow; violet foliage; vigorous.

**Lady Ursula.** Flesh pink; large; tea scented; very free bloomer.

**Laurent Carle.** Brilliant velvety-carmine. A robust and free blooming rose.

**Mme. Butterfly.** Similar to Ophelia but larger flower; color bright pink, gold and apricot which are blended.

**Mme. Edouard Herriot.** Coral or brick-red. Greatly admired.

**Mme. Caroline Testout.** Beautiful silvery-rose. Excellent in every way.

**Mme. Ravary.** Attractive golden yellow; sweet scented; free bloomer.

**Mrs. Aaron Ward.** Color Indian yellow, shading to lemon-cream at the edges of petals. Very large and full. A splendid new garden rose.

**Mrs. Charles Russell.** Deep rose to rosy pink. Has many excellent qualities.

**Ophelia.** Salmon-flesh, shading to rose. Grand.

**Pharisaer.** Silvery pink, suffused salmon. Fine buds; long stems.

**Reine Marguerite d'Italie.** Deep crimson, almost maroon. A great bloomer, especially in the fall. Very fragrant.

**Radiance.** Soft carmine-pink. Double; sweet-scented; free.

**Red Radiance.** A crimson sport of radiance.

**Souvenir de Claudius Pernet.** The best and one of the few really yellow, with a pointed bud and glossy foliage. \$1.25 each.

**White Killarney.** Pure white; productive; constant.

## HYBRID PERPETUAL ROSES

Two-year dormant plants, 75 cents each; \$7.50 doz.; \$60.00 per 100, except where noted.

**Alfred Colomb.** Extra large, very double; color rich crimson; fragrant.

**American Beauty.** Very double, of a deep crimson color.

**Anna de Diesbach.** Brilliant carmine; delightfully fragrant. One of the best.

**Baron de Bonstettin.** Blackish crimson with maroon shadings.

**Baroness Rothschild.** Beautiful light pink; shaded white. Most desirable.

**Captain Hayward.** Bright crimson-carmine; of splendid form.

**Clio.** Flesh color, shading to rose in center. Large, fine, vigorous.

**Fisher Holmes.** Finely shaped flowers of dark velvety crimson.

**Frau Karl Druschki.** Pure paper white; large and free flowering.

**General Jacqueminot.** Brilliant crimson color; large and fragrant.

**George Arends.** The Pink Druschki. Soft pink; and free blooming. Distinct.

**John Hopper.** Bright rose with carmine center. Large and well-formed flowers.

**Mme. Gabriel Luizet.** Beautiful satiny pink. A vigorous and healthy grower.

**Magna Charta.** A bright, clear pink, finished with crimson.

**Margaret Dickson.** White with pale flesh center. Good form; handsome foliage.

**Marshall P. Wilder.** Cherry red, mingled with carmine.

**Mrs. John Laing.** A constant blooming hardy rose. Color brilliant shell pink.

**Mrs. R. G. S. Crawford.** Deep rose pink; fine form, constant bloomer.

**Paul Neyron.** A deep rose color; produces largest flowers of any known rose.

**Prince Camille de Rohan.** Deep velvety crimson; flowers large. Best dark red.

**Soleil d'Or.** Golden yellow, shaded nasturtium red. Free blooming; hardy.

**Ulrich Brunner.** Blossoms are a bright cherry red, and very fragrant.

## CLIMBING ROSES

Two-year dormant plants, 60 cents each; \$6.00 per doz.; \$45.00 per 100; except where noted.

**American Pillar.** Chaste pink; single blossoms.

**Aviateur Bleriot.** Rich, deep saffron-yellow. Fragrant. 75 cents.

**Christine Wright.** Bright wild-rose pink. Flowers 3½-4 in. in diameter.

**Climbing American Beauty.** Rose pink; fragrant; good foliage.

**Crimson Rambler.** Large clusters of crimson flowers.

**Dr. Van Fleet.** Flesh pink. Flowers are full, double and fragrant. Choice.

**Dorothy Perkins.** Soft shell-pink.

**Excelsa.** Intense crimson-maroon. Healthy foliage. Very fine.

**Hiawatha.** Single. Crimson.

**Mary Wallace.** The new Van Fleet climber. Semi-double clear rose-pink with salmon base to petals.

**Paul's Scarlet Climber.** Vivid scarlet, semi-double flowers of medium size, which do not burn or fade in the sun. Produced in large clusters in great profusion. Extremely hardy. One of the most promising climbing roses of recent years. 2-year plants, 75c.

**Silver Moon.** Clear silvery-white. Foliage is mildew-proof. Fragrant.

**Tausendschon.** Soft pink turning to flesh. The blossoms are produced in large trusses.

**White Dorothy Perkins.** Same as Dorothy Perkins, except color is white.

## BABY RAMBLER ROSES

Two-year dormant plants, 75 cents each; \$7.50 per doz.; \$60.00 per 100.

**Baby Crimson Rambler.** Rosy crimson.

**Baby Dorothy.** Pink.

**Catherine Zeimet.** Pure white flowers in abundance. Fragrant.  
**Jessie.** Bright scarlet.

**Orleans.** Red to rose.

## RUGOSA ROSES

	Each	Per 10	Per 100
<b>Conrad F. Meyer.</b> Silvery rose.	.75	7.50	
<b>Rugosa rubra.</b> Red.	.60	5.75	42.00
<b>Rugosa alba.</b> White.	.60	6.00	45.00

**F. J. Grootendorst.** A cross of Rosa Rugosa and Baby Rambler. A strong, shrubby grower like the Rugosa, which it resembles in foliage as well. The flowers are produced in large clusters like the Crimson Baby Rambler. A wonderful rose for individual planting or in masses. 2-year plants, 60c. each; \$6.00 per doz.

## R. HUGONIS

## Golden Rose of China

New hardy single yellow rose, similar to the Persian Yellow. Strong growing shrub. Flowers are very numerous along the stems; distinctly fragrant. Comes into flower about the middle of May. \$1.00 each; \$10.00 per doz.

## HARDY HERBACEOUS PERENNIALS

Prices: 25 cents each; \$2.50 per dozen; \$18.00 per 100;  
EXCEPT WHERE NOTED.

REMEMBER THAT 6 PERENNIALS OF ONE KIND ARE  
ENTITLED TO THE DOZEN, AND 25 TO  
THE HUNDRED RATE.

### ACHILLEA

Milfoil, or Yarrow

Plants suitable for dry, sunny places. The dwarf kinds are useful for carpeting or for rockeries.

**The Pearl.** Pure white, double flowers all summer. Prized for cutting.

### ACONITUM

Monkshood

<i>Autumnale</i>	Blue	Sept.	3 ft.	.35
<i>Fischeri</i> —Azure Monkshood				.35
<i>Napellus</i>	Blue	July	4 ft.	.35

### ALYSSUM

Rock Madwort

**Saxatile compactum.** Broad masses of bright yellow flowers in early spring. An excellent plant for the rockery or front of borders.

### ANEMONE

Windflower

<i>Alba</i>	Pink	Aug. & Sept.	2 ft.	
<i>Hupehensis</i>	White	Sept. & Oct.	2 ft.	
<i>Queen Charlotte</i>	Double Pink	Sept. & Oct.	2 ft.	
<i>Prince Henry</i>	Deep Pink	Sept. & Oct.	2 ft.	
<i>Whirlwind</i>	Double White	Sept. & Oct.	2 ft.	

### ANCHUSA

Alcanet

<i>Italica</i>	Rich Blue	July	4 ft.	
----------------	-----------	------	-------	--

### AQUILEGIA

Columbine

<i>Alba</i>	White	May	2 ft.	
<i>California Hybrids</i>	All colors	May	2 ft.	
<i>Coerulea</i>	Blue	May	2½ ft.	
<i>Nivea Grandiflora</i>	White	May	3 ft.	

### ARABIS

Wallcress

<i>Alpina</i>	White	Early spring	6 in.	
---------------	-------	--------------	-------	--

### ARMERIA

Sea Pink or Thrift

**Maritima** (Thrift or Cushion Pink). 3 to 6 inch. May and June. Valuable for edging; flowers fine purple; foliage grass-like, evergreen.

—*alba*. 3 to 6 inches. May and June. Tufts of deep green foliage; white flowers.

### ARTEMESIA

**Lactiflora.** A tall growing plant of fine foliage and heads of small white flowers in August and September, which fill the garden with fragrance.

**ASCLEPIAS****Butterfly Weed**

**Tuberosa.** Very attractive native plants, flowering during July and August, and growing about  $2\frac{1}{2}$  feet high. Umbels of bright orange colored flowers.

**ASTER****Michaelmas Daisy**

**Elta.** New, double flowers of pale lilac, very handsome shade.

**Nancy Ballard.** Deep purplish mauve flowers, semi-double in form; flower heads are branched, completely covered with masses of bloom.

**Peggy Ballard.** Large, pyramidal sprays of double rosy mauve flowers. 3 feet.

**Robinson V. C.** A pretty bluish mauve, double flowers borne in long sprays.

**Maid of Colwall.** Pure white; the finest of all whites. Long loose spikes of huge flowers.

**Mauve Queen.** Very large, semi-double flowers of clear mauve. 4 feet.

**Lady Lloyd.** A very fine, clear rose-pink. Lasts exceedingly well. 3 feet.

**Joan Vaughan.** Large, semi-double flowers of deepest blue.

Many varieties in White, Blue, Pink and Lavender.

Sept. and Oct.

**ASTILBE**

**Japonica.** White flowers on long stems. .50

**BOLTONIA**

<b>Asteroides</b>	White	Summer & Fall	5-7 ft.
<b>Latisquama</b>	Pink	Aug. & Sept.	4-5 ft.

**BUDDLEIA****Butterfly Bush**

This is properly a shrub, but the top usually freezes back, and new growth starts from the root like other perennials. Plants grow three to four feet and are covered with long racemes of lilac-like flowers in July. .50

**CAMPANULA****Canterbury Bells—Bellflowers**

**Carpatica** (Carpathian Harebell). A pretty species growing in compact tufts, not exceeding 8 inches high; flowers clear blue, held erect on wiry stems. It begins blooming in June, continuing until October.

**Carpatica alba.** A pure white form of the preceding.

**Persicifolia grandiflora.** (White.) One of the finest Campanulas, with large handsome white bell-shaped flowers.

**Persicifolia grandiflora.** (Blue.) Companion to the white variety. Large bright blue flowers.

**Cup and Saucer Varieties (Campanula calycantha).** Large semi-double flowers, each resembling a cup and saucer. White, Pink, and Blue shades.

**Single Canterbury Bells (Campanula medium).**

**Pink.** Beautiful rich shade.

**Blue** Light blue flowers.

**White.** Large white flowers.

<b>CENTAUREA</b>		Mountain-bluet
Montana	July to September	
<b>CHELONE</b>		Turtlehead
Lyonii.	A pretty perennial growing 2 feet tall and bearing snapdragon-like flowers.	
<b>CHRYSANTHEMUMS</b>		Hardy Garden Varieties
Alice Howell.	Orange Yellow. Early.	
Border Beauty.	Orange petals tipped with gold.	
Brown Bessie.	Pompom. Reddish bronze.	
Carrie.	Light yellow.	
Etoile de Or.	Bright yellow. Large.	
Excelsior.	Bright golden yellow.	
Glory of Seven Oaks.	Golden yellow.	
Jack Bannister.	Lemon yellow shaded copper.	
L'Argentuillais.	Deep chestnut. Early.	
Little Barbe.	Clear canary yellow.	
Model.	Light yellow pompom.	
Marie Antoinette.	Rose pink. Large.	
Mrs. F. Collier.	Small white.	
Niza.	Deep pink pompom. Earliest of pinks. Dwarf.	
Normandie.	White, tinted blush-pink, the earliest of all	
Oconto.	Japanese. Large white. October 15.	
Old Homestead.	Large pink.	
Orea.	Large shell pink, shading light.	
Skibo.	Golden yellow. Pompom. October 20.	
Snow Clad.	Pure white.	
Well's Scarlet.	Terra cotta red.	
<b>COREOPSIS</b>		
Lanceolata.	Golden yellow. Flowers from June to frost time.	
<b>DELPHINIUMS</b>		Larkspur
Delphiniums	are the most beautiful hardy plants in cultivation, for they have such an immense variety of beauty and increase in size, in beauty, and often in quantity, year after year.	
Belladonna.	Light sky blue.	
Bellamosa.	A dark blue of the type of Belladonna.	
Choice Mixed English Hybrids.	From seed of famous named sorts.	
Chinense.	A very pretty variety, with fine feathery foliage and intense gentian blue flowers in open panicles.	
Chinense album.	A pure white form of the above.	
Formosum.	The old-fashioned dark blue Larkspur.	
<b>DESMODIUM</b>		Sweet Pea Shrub
Penduliflorum.	An exceedingly graceful shrub-like plant covered with purplish-red flowers in summer time when little else is in bloom. Strikingly beautiful. .60 each 6.00 doz.	
<b>DICTAMNUS</b>		Gas Plant
The Dictamnus	is one of the most satisfactory hardy plants in cultivation, both on account of splendid flowers and its rich, durable foliage.	
Fraxinella rubra.	.50 each 5.00 doz.	

<b>Fraxinella alba.</b>	.50 each	5.00 doz.
<b>DIELYTRA, OR DICENTRA</b>		
A hardy perennial with heart-shaped, rose-colored flowers in drooping spikes.		
<b>Spectabilis</b> (Bleeding Heart, or Seal Flower). An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive.	.50 each	5.00 doz.
<b>DIANTHUS</b>	<b>Hybrid Garden Pinks</b>	
Without the spicy fragrance of the Hardy Pinks a garden is incomplete. Their perfect form and rich coloring make them great favorites for summer bouquets. June.		
<b>DIGITALIS</b>	<b>Foxglove</b>	
The flower-heads are over 3 feet long, crowded with big, bell-shaped blossoms. Colors range from white and shell-pink to deepest rose, many attractively dotted with crimson or chocolate.		
<b>FUNKIA</b>		
<b>Media picta.</b> Variegated leaf, used extensively as a border plant.		
<b>Subcordata.</b> Old fashioned Day Lily.	.35 each	4.00 doz.
<b>GAILARDIA</b>	<b>Blanket Flower</b>	
<b>Grandiflora.</b> June to frost. Center dark red-brown, petals crimson-orange and vermillion.		
<b>GYPSOPHILA</b>	<b>Baby's Breath</b>	
Desirable where a mass of delicate misty bloom will fill in a bare place.		
<b>HELIANTHUS</b>	<b>Double Hardy Sunflower</b>	
<b>Multiflorus.</b> Large, double Dahlia-like golden-yellow flowers in great profusion July and August; 4 feet.		
<b>HELIOPSIS</b>	<b>Orange Sunflower</b>	
<b>Pitcheriana.</b> A desirable variety. The flowers are of a beautiful deep golden-yellow, about two inches in diameter, of very thick texture and a useful cut flower.		
<b>HELENIUM</b>	<b>Sneezewort</b>	
<b>Autumnale superbum.</b> Broad heads of deep golden-yellow flowers in late summer. Grows 5 to 6 ft. high.		
<b>Autumnale rubrum.</b> A splendid new variety; deep ox-blood red, changing to terra-cotta. 5 to 6 feet. September.		
<b>Riverton Gem.</b> New. Old gold, suffused with bright terra-cotta, changing to wallflower-red. August to October.		
<b>HEMEROCALLIS</b>	<b>Yellow Day Lily</b>	
Lemon Lilies, or Hemerocallis, have long been favorites in our garden, and are always included in any list of the most popular hardy plants.		
<b>Flava</b> (Lemon Lily). Sweet-scented, clear full yellow. 2½ feet. Flowers in June.		
<b>Thunbergi.</b> Much like Flava, but flowers in July, a month later.		
<b>Fulva.</b> (Brown Day Lily.) July. Copper orange, shaded crimson.		
<b>HEUCHERA</b>	<b>Allum Root</b>	
Dwarf, compact, bushy plants of easy culture, growing 1½ to 2 feet high.		

**HIBISCUS****Mallow, or Crimson Eye**

Colors assorted. Pink, red and white.

**HOLLYHOCKS****Althea Rosea**

Old garden favorites. One of the most stately, picturesque and beautiful plants in the world.

**Double.** Separate colors, red, maroon, white, yellow, pink, Newport pink, white with purple base, bright rose.

**Single.** Red, white, pink mixed.

**IBERIS****Hardy Candytuft**

**Gibraltarica Hybrida.** White, shading to lilac.

**Sempervirens.** A profuse, white-blooming, hardy perennial, coming in flower early in the spring; much used for cemeteries, rockeries, etc.; 1 foot.

**IRIS, GERMAN****Germanica**

One of the most popular hardy spring flowering plants.

**Alcazar.** Very large, broad petals. Standards, pale lilac blue with golden bronze throat; falls rich violet purple.

**Comte de St. Clair.** White. Violet with white margins.

**Florentine alba.** Producing large fragrant white flowers.

**Garrick.** Light blue; a darker violet blue.

**Gertrude.** Deep violet blue, very fragrant.

**James Boyd.** Blue and violet.

**Lorelei.** Falls marine-blue veined with white and bordered with yellow.

**Madam Chereau.** White feathered edges of sky blue; free flowering.

**Oriental.** Rich lavender standards and royal purple falls, with prominent golden beard.

**Pauline.** Light blue; slightly darker; flowers large.

**Powhatan.** Violet purple.

**Queen of May.** A lovely soft rose-lilac, almost pink; a very beautiful shade.

**San Souci.** Golden yellow.

**Seminole.** Violet rose and crimson.

**Violacea Grandiflora.** Violet blue.

**IRIS, JAPANESE****Iris Kaempferi**

Assorted colors; unnamed. 25 cents each; \$2.50 per dozen

**IRIS, JAPANESE****Double**

**Gekka-No-Nami.** Creamy white.

**Gold Bound.** Pure white; yellow markings.

**Harris No. 71.** Very dark bluish, large bright yellow halo.

**Koko-No-Obi.** Clear purple white, purple tipped.

**Komochiguma.** Dark bluish purple.

**Kuma-Funjin.** A very tall double, purple, veined white, yellow center.

**Mt. Hood.** Light blue, shaded darker.

**Old Rose.** Dark shade of old rose.

**Oniga-Shima.** Brilliant violet-purple with golden center.

One of the best.

**Peacock.** Violet purple, veined with white; large.

**Pyramid.** Deep blue suffused purple; light blue at base.

**Robert Craig.** Large; tall. pale blue fading to white.

**Shirataki.** (White Waterfall.) Double, large, tall white with yellow markings.

**Sofu-No-Koi.** Double; lavender overlaid with reddish purple and blue.

**Templeton.** Violet, mottled white and pink.

**Uchiu.** Cerulean blue, gold center.

35 cents each; \$3.50 per dozen

### LAVANDULA

Lavender

**Vera.** This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August.

### LIATRIS

Blazing Star, or Gay Feather

Showy and attractive native plants, succeeding anywhere, producing large spikes of flowers from July to September.

**Pycnostachya.** Spikes of light, rosy-purple flowers. 5 feet.

### LOBELIA

**Cardinalis.** Long, dense spikes of handsome rich cardinal-red flowers.

### LUPINUS

**Polypyllus** (Lupin). Deep blue pea-shaped flowers on long spikes. June to September. 2 to 3 feet.

**Polypyllus albus.** Pure white.

### LYCHNIS

**Chalcedonica** (London Pride). Brilliant scarlet flowers in close heads. June to September.

**Viscaria splendens fl. pl.** Bright rose flowers in spikes.

### LILIES

Lilium

**Lily-of-the-Valley.** Clumps 50c. each; \$5.00 doz.

**Auratum.** Gold banded. 50c. each; \$5.00 doz.

**Candidum** (Annunciation Lily). A most beautiful and well known fragrant lily. Clear white. 50c. each; \$5.00 doz.

**Lancifolium rubrum.** White, shaded with rose and spotted with red. 50c. each; \$5.00 doz.

**Regale.** A new variety from Western China. One of the most beautiful Garden Lilies yet introduced. The large trumpet-shaped, delicately scented flowers, which are produced freely, are ivory white, shaded pink, tinged with canary-yellow at the base of the petals. Strong flowering bulbs. 75c. each; \$7.50 doz.

**Speciosum album.** Pure white, with a slight tinge of rose on end of petals; one of the best. 50c. each; \$5.00 per doz.

**Tigrinum splendens.** Bright orange-scarlet, with dark spots. 20c. each; \$2.00 doz.

### MONARDA

Bergamot

Showy plants growing from 2 to 3 feet high, succeeding in any soil or position, with aromatic foliage, and producing their bright flowers during July and August.

**Didyma.** Brilliant crimson-scarlet.

**MYOSOTIS****Forget-Me-Not**

**Palustris Semperflorens.** A variety that is hardly ever out of flower; useful in a shady spot in the border.

**PAEONIES**

Strong roots containing three or more eyes. 50c. each; \$5.00 per doz. except as noted.

**Baroness Schroeder.** Flesh color, changing quickly to white; creamy center. \$2.00.

**Duc De Wellington** (Calot, 1859). 7.8. Bomb type. Large flower of good form. White guard petals with sulphur center.

**Felix Crousse.** Brilliant red with flame center. \$1.00.

**Festive Maxima.** Pure, waxy white with occasional flecks of crimson on the central petals. The most popular Peony in existence. 75c.

**Francois Ortegat.** Dark crimson.

**Grandiflora Rosea.** Rosy pink.

**Mons. Martin Cahuzac.** Semi-rose type. Large, solid balls of deep maroon, with garnet hues. The darkest peony grown. \$4.00.

**Officinalis Rubra.** Dark red; fragrant. Very early. \$1.00.

**Perfection.** Pink. \$1.50.

**Pio Nona.** Red.

**Prince de Salm Dyck.** Rosy pink, light center.

**Purpurea Superba.** Dark pink.

**Roem Van Boskoop.** Flesh white.

**Rubra Speciosa.** Red. \$1.00

**SINGLE PAEONIES**

Our line of these very attractive flowers include all the colors that are found in the double sorts. Plants can be furnished—Pink, Dark Pink, Crimson, White. 60c.

**PENTSTEMON****Beard Tongue**

**Barbatus Torreyii.** Scarlet.

**Digitalis.** Purple white.

**PHLOXES**

The hardy Phloxes are without doubt among the most important of all hardy perennials, and are now to be found in almost every garden. They succeed in almost any kind of soil and position, and flower from early summer until late in the fall; they also improve from year to year, and contain a range of brilliant colors not found in any other hardy plant.

**Alpha.** New variety from France. Brilliant rosy pink, long trusses.

**Annie Cook.** Flesh pink.

**Astrild.** Clear large red.

**B. Comte.** French purple.

**Dantons.** Light madder, maroon eye.

**Deutschland.** A rich scarlet variety.

**Elizabeth Campbell.** Large spikes of bright salmon flowers, changing to pink in center. 35c.

**Europa.** White; decided crimson eye.

**Fiancee.** Pure white.

**Frau Antoine Buchner.** Largest pure white.

**General Van Heutsz.** Brilliant salmon-scarlet flowers.

**Goliath.** Crimson scarlet; very tall.

**Jean D'Arc.** Pure white; late.

**Johnson's Favorite.** Light salmon-pink. Red eye. Better than E. Campbell.

**Le Caid.** Pink; darker eye.

**LeMahdi.** Deep velvety purple; large spikes.

**Maid Marion.** New variety. Soft lavender large flower, profuse bloomer.

**Mrs. Lingard.** White flowers with pale pink center. Early.

**Mrs. Jenkins.** Beautiful clear white.

**Mrs. Scholton.** Salmon-scarlet.

**Pantheon.** Brilliant rose, very effective.

**Peach Blow.** Pale pink, shading lighter toward edge.

**R. B. Struthers.** Bright, pinkish salmon, crimson eye.

**Rheinlander.** Beautiful salmon-pink.

**Rynstrom.** Color of Paul Neyron rose; very large.

**Selma.** Pale lavender.

**Sir Edwin Landseer.** Flowers bright crimson.

**Special French.** Beautiful clear pink.

**Sunset.** Dark rosy pink.

**Thor.** Deep salmon-pink.

**Twilight.** Purple; dark red eye.

**Wanadis.** White with lilac stripes. Very distinct purple eye. Somewhat resembles Phlox Divaricata Canadensis.

**W. C. Egan.** Delicate lilac with reddish eye.

#### PHLOX SUBULATA

#### Moss, or Mountain Pink

An early spring-flowering type, with pretty moss-like evergreen foliage, which, during the flowering season, is hidden under the masses of bloom. An excellent plant for the rockery, the border, and invaluable for carpeting the ground or covering graves.

**Alba.** Pure white.

**Atropurpurea.** Purplish-rose.

#### PHYSOSTEGIA

#### False Dragon-Head

One of the most beautiful of our mid-summer flowering perennials, forming dense bushes 3 to 5 feet high, bearing spikes of delicate tubular flowers not unlike a gigantic heather.

**Virginica.** Bright but soft pink.

**Virginica alba.** Pure white; very fine.

#### PLATYCODON

#### Balloon Flower, or Japanese Bell-Flower

**Grandiflorum.** Deep blue cupped, star-shaped flowers

**Grandiflorum album.** A white-flowered form of the above.

**Mariesi.** Deep blue bell-shaped flowers, nearly 3 inches across.

#### PAPAVERIA

#### Poppies

**Oriental.** The common variety of Oriental Poppy. The flowers are a bright scarlet with a black blotch at the base

of each petal, and when in bloom in the spring they make a very brilliant display.

**Iceland.** A beautiful species and among the most desirable of our herbaceous plants.

### PRIMROSES

**Veris** (Invincible Giant). Yellow. June and July. 18 inches.

**Japonica.** White, Lilac, Bright Rose, Deep Pink. June and July. 18-24 inches.

### PYRETHRUM

**Persian Daisy**

**Hybridum.** Red, Pink, Lavender, Yellow. June. 3-4 feet.

### ULIGINOSUM

**Giant Daisy**

Grows 3 to 4 feet high and is covered with large white Daisy-like flowers, 3 inches in diameter, from July to September.

### PINKS, Hardy Garden

(See Dianthus).

### RUDBECKIA

**Coneflower**

**Golden Glow.** One of the most popular hardy plants. Grows six feet high, producing masses of large, double, golden-yellow flowers.

### SCABIOSA

**Blue Bonnet**

**Caucasica.** A soft and charming shade of lavender. June to September.

### SEDUM

**Stonecrop**

**Spectabilis.** Rose. Late summer and fall.

**Spectabile "Brilliant."** A rich colored form of the preceding, being a bright amaranth-red.

### SPIREA (Astilbe)

**Betsy Cuperius.** Tall, new variety with drooping flower spikes 2 feet long. White flowers with pink center. .75 each.

**Brunhilde.** Thick flower spikes crowded with clear lilac flowers. .75 each.

**Ceres.** Growing 2½ feet to 3 feet high, with spikes of a rosy lilac color. A fine garden variety. .75 each.

**Freule Van Den Bosch.** New variety, growing about 3½ feet high. Produces compact flower spikes of a dark pink color. \$1.50 each.

**Grandis Rosea Maxima.** The drooping spikes of flowers have a length of over 2 feet, and are a beautiful creamy white with pink centers. 5 to 6 feet. .75 each

**Gruno.** This new Astilbe grows 4 feet high and produces light, graceful spikes of spreading habit. Color, a splendid salmon-pink. Award of merit R. H. S. of Holland. .75 each.

**Marguerite Van Rechteren.** This plant grows about 5 feet high. The flower stem has a length of over 3 feet. The very fine fringed flowers are bright red tinged with dark lilac. .75 each.

**Meta Immink.** Splendid new cross having dense flower spikes of a delightful pink color. Very recommendable. Award of merit R. H. S. of Holland. .75 each.

**Prof. V. D. Wielen.** New, with gigantic long stems and side stems, showing fine small, pure white flowers in profusion. \$1.00 each.

**Salland.** Stems of a fine red color, growing over 6 feet high. A very decorative novelty. Award of merit R. H. S. of Holland. \$1.00 each.

**Vesta.** New. Tall, lilac-rose spikes; beautiful garden variety. \$1.25 each.

### SPIREA

**Filipendula.** Numerous corymbs of white flowers on stems 15 inches high, during June and July, and pretty fern-like foliage.

### SHASTA DAISIES

Large snowy-white flowers, in bloom continuously throughout the entire summer and fall.

### SWEET WILLIAM

**Assorted.** Crimson, Scarlet, White, Pink, etc. June.

**STOKESIA CYANEA** Cornflower Aster

**Caerulea.** Beautiful light blue.

**Alba.** White-flowered form of above. 1 foot to 18 inches.

### TRITOMA

Red-hot Poker

**Pfitzeriana.** Orange-scarlet. August to October. 3 feet.

### TROLLIUS

Globe Flower

**Europaeus.** Large, bright yellow, globular flowers.

### VALERIANA

Spurred Flower

**Officinalis** (Hardy Garden Heliotrope). Produces showy heads of rose tinted white flowers during June and July, with strong heliotrope odor.

### VERONICA

Speedwell

The Speedwells are mostly natives of New Zealand, flowers being of a blue shade, varying to rose and dull white. They succeed in any garden soil in sunny situations. The low-growing forms are good rock plants.

**Longifolia subsessilis.** A pretty species with blue flowers produced on spikes 1 to 1½ feet long, continuing in bloom the entire summer.

**Spicata.** Fine border plant, about 18 inches high, producing spikes of bright blue flowers in summer.

### VIOLAS

Tufted Pansies

They flower continuously for nearly eight months in the year.

**Blue Perfection.** Deep purplish blue.

**Lutea Splendens.** Rich golden yellow.

**Papilio.** Violet, with dark eye; the most effective for massing.

**White Perfection.** A fine white.

## FRUIT DEPARTMENT

### APPLES, Standard

	Each	Per 10
6 to 7 ft.	1.00	8.00

Ask for special prices for 100 or more.

#### Varieties:

##### Early

- \*Astrachan—Red
- \*Early Harvest—Yellow
- \*Golden Sweet—Yellow
- \*Sweet Bough—Yellow
- William's Favorite—  
Red and white
- \*Yellow Transparent—Yellow

##### Mid-Season

- \*Duchess of Oldenburg—  
Striped
- \*Fall Pippin—Yellow
- \*Gravenstein—Striped
- Fameuse—Red
- \*McIntosh Red—Red
- \*Porter
- \*Wealthy—Striped

##### Late

- \*Baldwin—Red
- Bellflower—Yellow
- \*Delicious—Striped
- Hubbardston—Red
- \*King—Striped
- \*Northern Spy—Red
- \*R. I. Greening—Green
- Roxbury Russett—Russett
- Seek-No-Further—Striped
- Spitzenburg—Red and white
- Tolman Sweet—Yellow
- Wagener—Red

**Cortland** (New Variety Developed by New York State Experimental Station.) A fine apple resulting from the cross pollination of McIntosh and Ben Davis. Inheriting only the good qualities of each. The Cortland is a beautiful red apple, larger than the McIntosh, of better quality and matures a month later. Keeps late in winter and can be handled and shipped like the hardiest of other market varieties.

1 yr. buds, 4 to 5 ft. \$1.25 each; \$10.00 per 10.  
2 yr., 6 to 7 ft. \$2.00 each.

### APPLES, Dwarf, on Doucin Stock. Varieties marked \*

5 to 6 ft.	1.00	9.00
4 to 5 ft.	.90	8.00
3 to 4 ft.	.60	5.00

### APPLES, Crab

6 to 7 ft.	1.00
5 to 6 ft.	.75

#### Varieties:

- Hyslop—Red
- Transcendent—Striped

### CHERRIES

6 to 7 ft.	1.50	13.50
------------	------	-------

#### Varieties:

##### Sweet

- Bigarreau—Black
- Black Tartarian—Black
- Gov. Wood—Red on white
- Windsor—Dark
- Yellow Spanish—White

##### Sour

- Early Richmond—Red
- May Duke—Red
- Montmorency—Red
- Morello—Red

**PEAR TREES, Standard**

	Each	Per 10	Per 100
6 to 7 ft.	1.50	13.50	
5 to 6 ft.	1.25	11.00	

## Varieties:

*Anjou—Winter	*Seckel—Fall
*Bartlett—Summer	Sheldon—Fall
*Clapp's Favorite—Summer	Vermont Beauty—Summer
*Duchess—Fall	Wilder—Summer
Lawrence—Winter	Worden Seckel—Fall

**PEARS, Standard**

5 to 6 ft.	1.50	13.50
------------	------	-------

## Varieties:

Beurre Bosc	Winter Nellis
PEARS, Dwarf. Varieties marked * above	

4 to 5 ft.	1.00	9.00
3 to 4 ft.	.75	7.00

**PEACHES**

4 to 6 ft.	.60	5.00	40.00
------------	-----	------	-------

## Varieties: In the order of their ripening.

Mayflower	—Red
Greensboro	—White with red cheek
Waddell	—White and blush
Carman	—White with red cheek
Mountain Rose	—White and Red
Champion	—White and Red
Crawford Early	—Yellow
Belle of Georgia	—White with red cheek
Old Mixon	—White with red cheek
Elberta	—Yellow
J. H. Hale	—Yellow
Crawford Late	—Yellow

**PLUMS**

6 to 7 ft.	1.25	11.00
5 to 6 ft.	1.00	9.00

## Varieties: In the order of their ripening.

Japanese	European
Red June—Red	Lombard—Purple
Abundance—Red	Damson—Blue
Burbank—Red	Beauty of Naples—Yellow
Wickson—Red	German Prune—Blue
Bradshaw—Blue	

**QUINCES**

4 to 5 ft.	1.00	9.00
3 to 4 ft.	.75	7.00

## Varieties:

Borgeat	Orange
Champion	Rea's Mammoth

**GRAPE VINES**

2 year	.50	4.00
--------	-----	------

## Varieties:

Agawam—Red	Delaware—Red
Brighton—Red	Diamond—White
Caco—The New Red Grape without a Fault. \$1.00 each.	Moore's Early—Black
Concord—Black	Niagara—White
	Worden—Black

**GRAPE VINES**

	Each	Per 10	Per 100
2 year	.60	5.00	
Varieties:			
Campbell's Early—Black		Green Mountain—White	
Eaton—Black			

**SMALL FRUIT STOCK****CURRENTS**

	Each	Dozen	Per 100
2 year	.30	3.00	20.00
Varieties:			
Black Naples—Black		Cherry—Red	

Fay's Prolific—Red  
Perfection

.35      3.50      25.00

**GOOSEBERRIES**

	Each	Dozen	Per 100
2 year	.35	3.50	
Varieties:			

Downing—White

Pearl—White

**RASPBERRIES, Red and Black**

	Each	Dozen	Per 100
Varieties:			
Red		Black Cap	
Cuthbert		Gregg	
Golden Queen (Yellow)			
Herbert			
Marlboro			
St. Regis			

**RASPBERRIES, Columbian (Purple)**

	Each	Dozen	Per 100
La France.—New Everbearing	.20	1.25	10.00
	Giant	Red Raspberry.	

.25      2.50      15.00

**BLACKBERRIES**

	Each	Dozen	Per 100
Varieties:			
Eldorado		Rathburn	

Mercereau

Snyder

**RHUBARB**

	Each	Dozen	Per 100
	.25	2.50	

**ASPARAGUS, CONOVERS—PALMETTO**

	Each	Dozen	Per 100
2 year (\$16.00 per 1000)	.35	2.00	

**A. WASHINGTON**

A new variety of great merit, superior in every way to the older sorts.

	Each	Dozen	Per 100
1 year (\$16.00 per 1000)	.35	2.00	
2 year (\$25.00 per 1000)	.50	3.00	



We recommend this well known brand of genuine Sheep Manure, the best of all natural fertilizers. Highly concentrated, sterilized, with all weed seeds killed in the drying process. Safe and unequalled for lawns, producing a thick velvety permanent green turf for home, golf course or country club. Nothing will produce such a wealth of foliage and beautiful bloom in the flower garden. Splendid for shrubbery, trees, vines, etc. It is equally effective for all vegetables, fruits and berries, increasing production and improving quality. A convenient wagon load of manure in a bag. Use 6 to 10 lbs. for each 100 square feet.

<b>5 lb. Carton,</b>	<b>\$0.35</b>	<b>100 lb. Bag,</b>	<b>\$ 3.00</b>
<b>10 lb. Carton,</b>	<b>.60</b>	<b><math>\frac{1}{4}</math> Ton,</b>	<b>14.00</b>
<b>25 lb. Bag,</b>	<b>1.00</b>	<b><math>\frac{1}{2}</math> Ton,</b>	<b>26.00</b>
<b>50 lb. Bag,</b>	<b>1.75</b>	<b>1 Ton,</b>	<b>50.00</b>

Wizard Brand Cow Manure in pulverized form is a cool, slow acting manure ideally suited for roses, ferns, bench and potting soils. Cannot be excelled for mulching and top dressing lawns, perennial beds and shrubbery on sandy soil. Safe and effective wherever plant food and humus are needed. Packed in 100 lb. bags only.

<b>100 lb. Bag,</b>	<b>\$ 2.75</b>	<b><math>\frac{1}{2}</math> Ton,</b>	<b>\$ 24.00</b>
<b><math>\frac{1}{4}</math> Ton,</b>	<b>12.50</b>	<b>1 Ton,</b>	<b>45.00</b>



### Premier Brand Pulverized Poultry Manure

This Company obtains the raw product from the cleaning of poultry cars used in the transportation of live poultry. We believe this is the only source in the world where this material can be obtained in sufficient quantities to make it a commercial possibility.

<b>100 lbs. \$3.00</b>	<b>1-4 Ton \$14.50</b>
<b>1-2 Ton \$26.00</b>	<b>Ton \$50.00</b>

## INDEX TO DEPARTMENTS

---

Deciduous Trees . . . . .	2
Evergreen Trees . . . . .	7
Evergreen Shrubs . . . . .	11
Hedge Plants . . . . .	12
Deciduous Shrubs . . . . .	13
Climbing Vines . . . . .	21
Roses . . . . .	22
Hardy Herbaceous Perennials . . . . .	27
Fruit Department . . . . .	37
Fertilizers . . . . .	40

